

# Selecting thresholds for the prediction of species occurrence

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Understanding determinants of home range behaviour of feral cats as introduced apex predators in insular ecosystems: a spatial approach. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1971-1981.	1.4	24
2	Multiscale, presence-only habitat suitability models: fine-resolution maps for eight bat species. <i>Journal of Applied Ecology</i> , 2013, 50, 892-901.	4.0	104
3	Biogeographic regions of North American mammals based on endemism. <i>Biological Journal of the Linnean Society</i> , 2013, 110, 485-499.	1.6	55
4	Species distribution modelling and imperfect detection: comparing occupancy versus consensus methods. <i>Diversity and Distributions</i> , 2013, 19, 996-1007.	4.1	58
5	Potential effects of climate change on the distribution of the common frog <i>Rana temporaria</i> at its northern range margin. <i>Israel Journal of Ecology and Evolution</i> , 2013, 59, 130-140.	0.6	7
6	Ecological Effects of the Invasive Giant Madagascar Day Gecko on Endemic Mauritian Geckos: Applications of Binomial-Mixture and Species Distribution Models. <i>PLoS ONE</i> , 2014, 9, e88798.	2.5	23
7	A New Tool for Exploring Climate Change Induced Range Shifts of Conifer Species in China. <i>PLoS ONE</i> , 2014, 9, e98643.	2.5	4
8	Defining Landscape Resistance Values in Least-Cost Connectivity Models for the Invasive Grey Squirrel: A Comparison of Approaches Using Expert-Opinion and Habitat Suitability Modelling. <i>PLoS ONE</i> , 2014, 9, e112119.	2.5	50
9	Can I Trust My One-Class Classification?. <i>Remote Sensing</i> , 2014, 6, 8779-8802.	4.0	40
10	Climate change threats to protected plants of China: an evaluation based on species distribution modeling. <i>Science Bulletin</i> , 2014, 59, 4652-4659.	1.7	18
11	Unveiling the factors shaping the distribution of widely distributed alpine vertebrates, using multi-scale ecological niche modelling of the bat <i>Plecotus macrobullaris</i> . <i>Frontiers in Zoology</i> , 2014, 11, 77.	2.0	14
12	Estimating Hantavirus Risk in Southern Argentina: A GIS-Based Approach Combining Human Cases and Host Distribution. <i>Viruses</i> , 2014, 6, 201-222.	3.3	23
13	Assessing the Potential for Establishment of Western Cherry Fruit Fly Using Ecological Niche Modeling. <i>Journal of Economic Entomology</i> , 2014, 107, 1032-1044.	1.8	47
14	Precipitation of the warmest quarter and temperature of the warmest month are key to understanding the effect of climate change on plant species diversity in <sc>S</sc>outhern <sc>A</sc>frican savannah. <i>African Journal of Ecology</i> , 2014, 52, 209-216.	0.9	31
15	Using species distributions models for designing conservation strategies of Tropical Andean biodiversity under climate change. <i>Journal for Nature Conservation</i> , 2014, 22, 391-404.	1.8	145
16	Influences of ecology and biogeography on shaping the distributions of cryptic species: three bat tales in Iberia. <i>Biological Journal of the Linnean Society</i> , 2014, 112, 150-162.	1.6	40
17	Testing for taxonomic bias in the future diversity of Australian Odonata. <i>Diversity and Distributions</i> , 2014, 20, 1016-1028.	4.1	11
18	Threshold-dependence as a desirable attribute for discrimination assessment: implications for the evaluation of species distribution models. <i>Biodiversity and Conservation</i> , 2014, 23, 369-385.	2.6	70

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19	Conservation implications of omitting narrow-ranging taxa from species distribution models, now and in the future. <i>Diversity and Distributions</i> , 2014, 20, 1307-1320.	4.1	44
20	Using species distribution models to inform IUCN Red List assessments. <i>Biological Conservation</i> , 2014, 177, 174-184.	4.1	116
21	Climate change hastens the urgency of conservation for range-restricted plant species in the central-northern Mediterranean region. <i>Biological Conservation</i> , 2014, 179, 129-138.	4.1	47
22	Freshwater conservation planning under climate change: demonstrating proactive approaches for Australian Odonata. <i>Journal of Applied Ecology</i> , 2014, 51, 1273-1281.	4.0	39
23	Defining Neotropical Otter <i>Lontra Longicaudis</i> Distribution, Conservation Priorities and Ecological Frontiers. <i>Tropical Conservation Science</i> , 2014, 7, 214-229.	1.2	28
24	Evaluating correlative and mechanistic niche models for assessing the risk of pest establishment. <i>Ecosphere</i> , 2014, 5, 1-23.	2.2	73
25	Model Thresholds are More Important than Presence Location Type: Understanding the Distribution of Lowland tapir ( <i>Tapirus Terrestris</i> ) in a Continuous Atlantic Forest of Southeast Brazil. <i>Tropical Conservation Science</i> , 2014, 7, 529-547.	1.2	50
26	Where they are, why they are there, and where they are going: using niche models to assess impacts of disturbance on the distribution of three endemic rare subtropical rainforest trees of <i>Macadamia</i> (Proteaceae) species. <i>Australian Journal of Botany</i> , 2014, 62, 322.	0.6	20
27	Ecological niches and present and historical geographic distributions of species: a 15-year review of frameworks, results, pitfalls, and promises. <i>Folia Zoologica</i> , 2015, 64, 207-217.	0.9	18
28	Unravelling the evolutionary history and future prospects of endemic species restricted to former glacial refugia. <i>Molecular Ecology</i> , 2015, 24, 5267-5283.	3.9	20
29	Niche breadth and geographic range size as determinants of species survival on geological time scales. <i>Global Ecology and Biogeography</i> , 2015, 24, 1159-1169.	5.8	96
30	Climate change expected to drive habitat loss for two key herbivore species in an alpine environment. <i>Journal of Biogeography</i> , 2015, 42, 1210-1221.	3.0	10
31	Why Do Cryptic Species Tend Not to Co-Occur? A Case Study on Two Cryptic Pairs of Butterflies. <i>PLoS ONE</i> , 2015, 10, e0117802.	2.5	63
32	Consensus Forecasting of Species Distributions: The Effects of Niche Model Performance and Niche Properties. <i>PLoS ONE</i> , 2015, 10, e0120056.	2.5	79
33	Predicting Species Distributions Using Record Centre Data: Multi-Scale Modelling of Habitat Suitability for Bat Roosts. <i>PLoS ONE</i> , 2015, 10, e0128440.	2.5	31
34	Effects of Climate Change on Habitat Availability and Configuration for an Endemic Coastal Alpine Bird. <i>PLoS ONE</i> , 2015, 10, e0142110.	2.5	29
35	Ecological Niche Modelling Predicts Southward Expansion of <i>Lutzomyia</i> ( <i>Nyssomyia</i> ) <i>flaviscutellata</i> (Diptera: Psychodidae: Phlebotominae), Vector of <i>Leishmania</i> ( <i>Leishmania</i> ) <i>amazonensis</i> in South America, under Climate Change. <i>PLoS ONE</i> , 2015, 10, e0143282.	2.5	80
37	Limited scope for latitudinal extension of reef corals. <i>Science</i> , 2015, 348, 1135-1138.	12.6	147

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38	Beyond species distribution modeling: A landscape genetics approach to investigating range shifts under future climate change. <i>Ecological Informatics</i> , 2015, 30, 250-256.	5.2	29
39	Estimating the geographic range of a threatened shark in a data-poor region: <i>Cetorhinus maximus</i> in the South Atlantic Ocean. <i>Environmental Epigenetics</i> , 2015, 61, 811-826.	1.8	7
40	Evidence of niche shift and global invasion potential of the Tawny Crazy ant, <i>Nylanderia fulva</i> . <i>Ecology and Evolution</i> , 2015, 5, 4628-4641.	1.9	57
41	Modeling the distribution of a rare Amazonian odonate in relation to future deforestation. <i>Freshwater Science</i> , 2015, 34, 1123-1132.	1.8	16
42	The iterative ensemble modelling approach increases the accuracy of fish distribution models. <i>Ecography</i> , 2015, 38, 213-220.	4.5	10
43	Multilocus phylogenetic and geospatial analyses illuminate diversification patterns and the biogeographic history of Malagasy endemic plated lizards (Gerrhosauridae: Zonosaurinae). <i>Journal of Evolutionary Biology</i> , 2015, 28, 481-492.	1.7	8
44	Evaluating habitat suitability models for nesting white-headed woodpeckers in unburned forest. <i>Journal of Wildlife Management</i> , 2015, 79, 263-273.	1.8	22
45	Is my species distribution model fit for purpose? Matching data and models to applications. <i>Global Ecology and Biogeography</i> , 2015, 24, 276-292.	5.8	661
46	Environmental drivers of diversity in Subtropical Highland Grasslands. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 360-368.	2.7	47
47	Winners and losers of climate change for the genus <i>Merodon</i> (Diptera: Syrphidae) across the Balkan Peninsula. <i>Ecological Modelling</i> , 2015, 313, 201-211.	2.5	22
48	Applying species distribution modelling to the conservation of an ecologically plastic species ( <i>Papio</i> ). <i>Journal of Biogeography</i> , 2015, 42, 107-118.	1.8	10
49	Caveats for correlative species distribution modeling. <i>Ecological Informatics</i> , 2015, 29, 6-15.	5.2	224
50	Habitat suitability and protection status of four species of amphibians in the Dominican Republic. <i>Applied Geography</i> , 2015, 63, 55-65.	3.7	20
51	Mapping seasonal European bison habitat in the Caucasus Mountains to identify potential reintroduction sites. <i>Biological Conservation</i> , 2015, 191, 83-92.	4.1	31
52	Effect of chronological addition of records to species distribution maps: The case of <i>Tonatia saurophila maresi</i> (Coleoptera: Chrysomelidae) in South America. <i>Austral Ecology</i> , 2015, 40, 836-844.	1.5	10
53	Fuzzy set theory for predicting the potential distribution and cost-effective monitoring of invasive species. <i>Ecological Modelling</i> , 2015, 316, 122-132.	2.5	11
54	Modeling the Present and Future Geographic Distribution of the Lone Star Tick, <i>Amblyomma americanum</i> (Ixodida: Ixodidae), in the Continental United States. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 875-890.	1.4	110
55	Current and future effectiveness of Natura 2000 network in the central Alps for the conservation of mountain forest owl species in a warming climate. <i>European Journal of Wildlife Research</i> , 2015, 61, 35-44.	1.4	34

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57	Winner or loser of climate change? A modeling study of current and future climatic suitability of Arabica coffee in Indonesia. <i>Regional Environmental Change</i> , 2015, 15, 1473-1482.	2.9	52
58	Mapping National Plant Biodiversity Patterns in South Korea with the MARS Species Distribution Model. <i>PLoS ONE</i> , 2016, 11, e0149511.	2.5	21
59	Mapping Global Potential Risk of Mango Sudden Decline Disease Caused by <i>Ceratocystis fimbriata</i> . <i>PLoS ONE</i> , 2016, 11, e0159450.	2.5	37
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61	Climate change will increase the potential conflict between skiing and high-elevation bird species in the Alps. <i>Journal of Biogeography</i> , 2016, 43, 2299-2309.	3.0	47
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64	Shrinking windows of opportunity for oak seedling establishment in southern California mountains. <i>Ecosphere</i> , 2016, 7, e01573.	2.2	26
65	<i>Aedes albopictus</i> and <i>Aedes japonicus</i> - two invasive mosquito species with different temperature niches in Europe. <i>Parasites and Vectors</i> , 2016, 9, 573.	2.5	62
66	Disentangling the Effect of Climate and Human Influence on Distribution Patterns of the Darkling Beetle <i>Scotobius pilularius</i> Germar, 1823 (Coleoptera: Tenebrionidae). <i>Annales Zoologici</i> , 2016, 66, 693-701.	0.8	3
67	Real-time estimation of wildfire perimeters from curated crowdsourcing. <i>Scientific Reports</i> , 2016, 6, 24206.	3.3	25
68	On the selection of thresholds for predicting species occurrence with presence-only data. <i>Ecology and Evolution</i> , 2016, 6, 337-348.	1.9	412
69	Phytogeography of New Guinean orchids: patterns of species richness and turnover. <i>Journal of Biogeography</i> , 2016, 43, 204-214.	3.0	21
70	Crop wild relatives of the brinjal eggplant ( <i>Solanum melongena</i> ): Poorly represented in genebanks and many species at risk of extinction. <i>American Journal of Botany</i> , 2016, 103, 635-651.	1.7	78
71	Correspondence between the habitat of the threatened pudu ( <i>Cervidae</i> ) and the national protected-area system of Chile. <i>BMC Ecology</i> , 2016, 16, 1.	3.0	58
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73	Quantifying the impacts of sea-level rise on coastal biodiversity: A case study on lichens in the mid-Atlantic Coast of eastern North America. <i>Biological Conservation</i> , 2016, 202, 119-126.	4.1	26

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74	MODIS Imagery Improves Pest Risk Assessment: A Case Study of Wheat Stem Sawfly ( <i>Cephus cinctus</i> ), <i>Tj ETQq0 0.0 rgBT /Overlock 10</i>	1.4	10
75	Climate refugia of snow leopards in High Asia. <i>Biological Conservation</i> , 2016, 203, 188-196.	4.1	84
77	The distribution of cultivated species of <i>Porophyllum</i> (Asteraceae) and their wild relatives under climate change. <i>Systematics and Biodiversity</i> , 2016, 14, 572-582.	1.2	4
78	Spatial distribution modelling reveals climatically suitable areas for bumblebees in undersampled parts of the Iberian Peninsula. <i>Insect Conservation and Diversity</i> , 2016, 9, 391-401.	3.0	26
79	Cityscape genetics: structural vs. functional connectivity of an urban lizard population. <i>Molecular Ecology</i> , 2016, 25, 4984-5000.	3.9	48
80	Using climatic suitability thresholds to identify past, present and future population viability. <i>Ecological Indicators</i> , 2016, 71, 551-556.	6.3	48
81	Comparing species distributions modelled from occurrence data and from expert-based range maps. Implication for predicting range shifts with climate change. <i>Ecological Informatics</i> , 2016, 36, 8-14.	5.2	60
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87	Climate change, species range shifts and dispersal corridors: an evaluation of spatial conservation models. <i>Methods in Ecology and Evolution</i> , 2016, 7, 853-866.	5.2	61
88	Spatial distribution of dry forest orchids in the Cauca River Valley and Dagua Canyon: Towards a conservation strategy to climate change. <i>Journal for Nature Conservation</i> , 2016, 30, 32-43.	1.8	14
89	Regional modeling of large wildfires under current and potential future climates in Colorado and Wyoming, USA. <i>Climatic Change</i> , 2016, 134, 565-577.	3.6	17
90	The worrying future of the endemic flora of a tropical mountain range under climate change. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2016, 218, 1-10.	1.2	62
91	The Niche Limitation Method (NicheLim), a new algorithm for generating virtual species to study biogeography. <i>Ecological Modelling</i> , 2016, 320, 197-202.	2.5	3
92	Timescales of transformational climate change adaptation in sub-Saharan African agriculture. <i>Nature Climate Change</i> , 2016, 6, 605-609.	18.8	199

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93	Climate change impacts on endemic, high-elevation lichens in a biodiversity hotspot. <i>Biodiversity and Conservation</i> , 2016, 25, 555-568.	2.6	80
94	Integrated models that unite local and regional data reveal larger-scale environmental relationships and improve predictions of species distributions. <i>Landscape Ecology</i> , 2016, 31, 1369-1382.	4.2	41
95	Using playback and habitat models to estimate the distribution and population size of the critically endangered Crow Honeyeater, <i>Gymnomyza aubryana</i> , in New Caledonia. <i>Emu</i> , 2016, 116, 41-47.	0.6	5
96	Geographic distribution of the short-tailed river stingray ( <i>Potamotrygon brachyura</i> ): assessing habitat loss and fishing as threats to the world's largest obligate freshwater elasmobranch. <i>Marine and Freshwater Research</i> , 2016, 67, 1463.	1.3	8
97	Predicting a range shift and range limits in an introduced tropical marine invertebrate using species distribution models. <i>Hydrobiologia</i> , 2016, 763, 193-205.	2.0	7
98	The global distribution of deep-water Antipatharia habitat. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 145, 79-86.	1.4	46
99	Evaluating citizen vs. professional data for modelling distributions of a rare squirrel. <i>Journal of Applied Ecology</i> , 2017, 54, 628-637.	4.0	33
100	Climatic niche breadth can explain variation in geographical range size of alpine and subalpine plants. <i>International Journal of Geographical Information Science</i> , 2017, 31, 190-212.	4.8	37
101	Prevalence dependence in model goodness measures with special emphasis on true skill statistics. <i>Ecology and Evolution</i> , 2017, 7, 863-872.	1.9	81
102	Meta-corridor solutions for climate-vulnerable plant species groups in South Korea. <i>Journal of Applied Ecology</i> , 2017, 54, 1742-1754.	4.0	32
103	The importance of incorporating functional habitats into conservation planning for highly mobile species in dynamic systems. <i>Conservation Biology</i> , 2017, 31, 1018-1028.	4.7	31
104	Forest management impacts on capercaillie ( <i>Tetrao urogallus</i> ) habitat distribution and connectivity in the Carpathians. <i>Landscape Ecology</i> , 2017, 32, 163-179.	4.2	43
105	Climate determinants of breeding and wintering ranges of lesser kestrels in Italy and predicted impacts of climate change. <i>Journal of Avian Biology</i> , 2017, 48, 1595-1607.	1.2	13
106	Seasonal habitat use by Elephants ( <i>Loxodonta africana</i> ) in the Mole National Park of Ghana. <i>Ecology and Evolution</i> , 2017, 7, 3784-3795.	1.9	8
107	Linking macroecology and community ecology: refining predictions of species distributions using biotic interaction networks. <i>Ecology Letters</i> , 2017, 20, 693-707.	6.4	112
108	Niche overlap of mountain hare subspecies and the vulnerability of their ranges to invasion by the European hare; the (bad) luck of the Irish. <i>Biological Invasions</i> , 2017, 19, 655-674.	2.4	18
109	Due South: A first assessment of the potential impacts of climate change on Cape vulture occurrence. <i>Biological Conservation</i> , 2017, 210, 16-25.	4.1	21
110	Designating conservation priorities for Southeast European hoverflies (Diptera: Syrphidae) based on species distribution models and species vulnerability. <i>Insect Conservation and Diversity</i> , 2017, 10, 354-366.	3.0	14



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111	Will climate change increase hybridization risk between potential plant invaders and their congeners in Europe?. Diversity and Distributions, 2017, 23, 934-943.	4.1	19
112	Historical range, extirpation and prospects for reintroduction of saigas in China. Scientific Reports, 2017, 7, 44200.	3.3	9
113	Does dispersal capacity matter for freshwater biodiversity under climate change?. Freshwater Biology, 2017, 62, 382-396.	2.4	25
114	Rewilding defaunated Atlantic Forests with tortoises to restore lost seed dispersal functions. Perspectives in Ecology and Conservation, 2017, 15, 300-307.	1.9	27
115	A new recent genus and species of three-toed jerboas (Rodentia: Dipodinae) from China: A living fossil?. Journal of Zoological Systematics and Evolutionary Research, 2017, 55, 356-368.	1.4	12
116	The role of bioclimatic features, landscape configuration and historical land use in the invasion of an Asian tree in subtropical Argentina. Landscape Ecology, 2017, 32, 2167-2185.	4.2	25
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119	A spatial framework for targeting urban planning for pollinators and people with local stakeholders: A route to healthy, blossoming communities?. Environmental Research, 2017, 158, 255-268.	7.5	37
120	<i>ssdm</i> : An <i>r</i> package to predict distribution of species richness and composition based on stacked species distribution models. Methods in Ecology and Evolution, 2017, 8, 1795-1803.	5.2	129
121	Evaluating interspecific niche overlaps in environmental and geographic spaces to assess the value of umbrella species. Journal of Avian Biology, 2017, 48, 1563-1574.	1.2	14
122	Optimizing control programmes by integrating data from fine-scale space use by introduced predators. Biological Invasions, 2017, 19, 209-221.	2.4	6
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126	Rapid prioritization of alien plants for eradication based on climatic suitability and eradication feasibility. Austral Ecology, 2017, 42, 995-1005.	1.5	9
127	Ecology, Biogeography, and Conservation of Amphibians of the Caatinga. , 2017, , 133-149.		9
128	Codling Moth (Lepidoptera: Tortricidae) Establishment in China: Stages of Invasion and Potential Future Distribution. Journal of Insect Science, 2017, 17, .	1.5	10



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130	Predicting suitable habitat of the Chinese monal (<i>Lophophorus lhuysii</i>) using ecological niche modeling in the Qionglai Mountains, China. <i>PeerJ</i> , 2017, 5, e3477.	2.0	22
131	Predicting the current potential and future world wide distribution of the onion maggot, <i>Delia antiqua</i> using maximum entropy ecological niche modeling. <i>PLoS ONE</i> , 2017, 12, e0171190.	2.5	26
132	Incorporating abundance information and guiding variable selection for climate-based ensemble forecasting of species' distributional shifts. <i>PLoS ONE</i> , 2017, 12, e0184316.	2.5	18
133	Perspectives on invasive amphibians in Brazil. <i>PLoS ONE</i> , 2017, 12, e0184703.	2.5	18
134	The relative influence of change in habitat and climate on elevation range limits in small mammals in Yosemite National Park, California, U.S.A.. <i>Climate Change Responses</i> , 2017, 4, .	2.6	24
135	The importance of historical land use in the maintenance of early successional habitat for a threatened rattlesnake. <i>Global Ecology and Conservation</i> , 2018, 13, e00370.	2.1	10
136	Identifying potential areas for an expanding wolf population in Sweden. <i>Biological Conservation</i> , 2018, 220, 170-181.	4.1	19
137	Contrasting responses of generalized/specialized mistletoe-host interactions under climate change. <i>Ecoscience</i> , 2018, 25, 223-234.	1.4	5
138	Persian leopard and wild sheep distribution modeling using the Maxent model in the Tang-e-Sayad protected area, Iran. <i>Mammalia</i> , 2018, 83, 84-96.	0.7	10
139	Invasive alien pests threaten the carbon stored in Europe's forests. <i>Nature Communications</i> , 2018, 9, 1626.	12.8	78
140	Shifts in plant distributions in response to climate warming in a biodiversity hotspot, the Hengduan Mountains. <i>Journal of Biogeography</i> , 2018, 45, 1334-1344.	3.0	115
141	A habitat suitability analysis at multi-spatial scale of two sympatric flying fox species reveals the urgent need for conservation action. <i>Biodiversity and Conservation</i> , 2018, 27, 2395-2423.	2.6	12
142	Quantifying the anthropocene loss of bioindicators for an early industrial region: an equitable baseline for biodiversity restoration. <i>Biodiversity and Conservation</i> , 2018, 27, 2363-2377.	2.6	4
143	Mapping risk: Quantifying and predicting the risk of deer-vehicle collisions on major roads in England. <i>Mammalian Biology</i> , 2018, 91, 71-78.	1.5	16
144	Climate versus weather extremes: Temporal predictor resolution matters for future rather than current regional species distribution models. <i>Diversity and Distributions</i> , 2018, 24, 1047-1060.	4.1	9
145	A jungle tale: Molecular phylogeny and divergence time estimates of the <i>Desmopsis-Stenanona</i> clade (Annonaceae) in Mesoamerica. <i>Molecular Phylogenetics and Evolution</i> , 2018, 122, 80-94.	2.7	16
146	Identifying in situ climate refugia for plant species. <i>Ecography</i> , 2018, 41, 1850-1863.	4.5	35

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147	Predicting habitat suitability for eleven imperiled fluvial freshwater mussels. <i>Hydrobiologia</i> , 2018, 809, 265-283.	2.0	18
148	Past climatic fluctuations are associated with morphological differentiation in the cloud forest endemic tree <i>Ocotea psychotrioides</i> (Lauraceae). <i>Plant Systematics and Evolution</i> , 2018, 304, 607-617.	0.9	2
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284	Spatiotemporal identification of roadkill probability and systematic conservation planning. <i>Landscape Ecology</i> , 2019, 34, 717-735.	4.2	22
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